

METHOD AND APPARATUS FOR THERMOFORMING FIBER PACKAGING

Abstract of the Disclosure

An apparatus for thermoforming an article of fiber packaging from a fibrous slurry is provided. The apparatus includes first and second co-operable dies being adapted to receive the fibrous slurry therebetween. The apparatus includes at least one thermal mass mounted to at least one of the first and second dies. The apparatus includes at least one radio-frequency induction coil mounted to at least one of the first and second dies. The apparatus includes a power source in electrical communication with the at least one radio-frequency induction coil to supply radio-frequency energy thereto and wherein the coil is adapted to induce an electromagnetic field within one or more thermal masses to heat a respective die and thermoform the fibrous slurry into the article of fiber packaging. At least one of the first and second dies can include at least one sensor for measuring the temperature of the respective die.

CLT01/4403947v1